

Do Not
Enter
JR

In the Claims

1. (Currently Amended) A coiled, hot-rolled steel strip having superior low temperature toughness and weldability for a high strength electric resistance welding pipe, comprising: on a mass percent basis,

about 0.005 to about 0.04% of C;

about 0.05 to about 0.3% of Si;

about 0.5 to about 2.0% of Mn;

about 0.001 to about 0.1% of Al;

about 0.001 to about 0.1% of Nb;

about 0.001 to about 0.1% of V;

about 0.001 to about 0.1% of Ti;

about 0.03% or less of P;

about 0.005% or less of S;

about 0.006% or less of N;

at least one selected from the group consisting of about 0.5% or less of Cu, about 0.5% or less of Ni, and about 0.5% or less of Mo; and

the balance being Fe and incidental impurities,

wherein P_{cm} represented by the following equation (1) is 0.17 or less:

$$P_{cm} = (\%C) + (\%Si)/30 + ((\%Mn) + (\%Cu))/20 + (\%Ni)/60 + (\%Mo)/7 + (\%V)/10$$

Equation (1),

in which (%M) indicates the content of element M on a mass percent basis, and

the hot-rolled steel strip is composed of bainitic ferrite as a primary phase at a content of about 95 percent by volume or more and having a yield strength of at least 560 MPa, and wherein the